

ABSTRACT

It is an object of the present invention to provide a display device that is able to display a three-dimensional image without reducing resolution in displaying a two-dimensional image to half, and prevent the device itself from being bulky. This display device is a display device that has a light-emitting device having a plurality of pixels and an optical system at one side of the light-emitting device, where the light-emitting element has two electrodes that both have translucency, light is shielded by the first shield means and light is shielded by the second shield means, and the optical system makes light emitted from one of two adjacent pixels of the plurality of pixels incident into a left eye of a viewer and makes light emitted from the other incident into a right eye of the viewer by controlling a traveling direction of light emitted from the plurality of pixels.